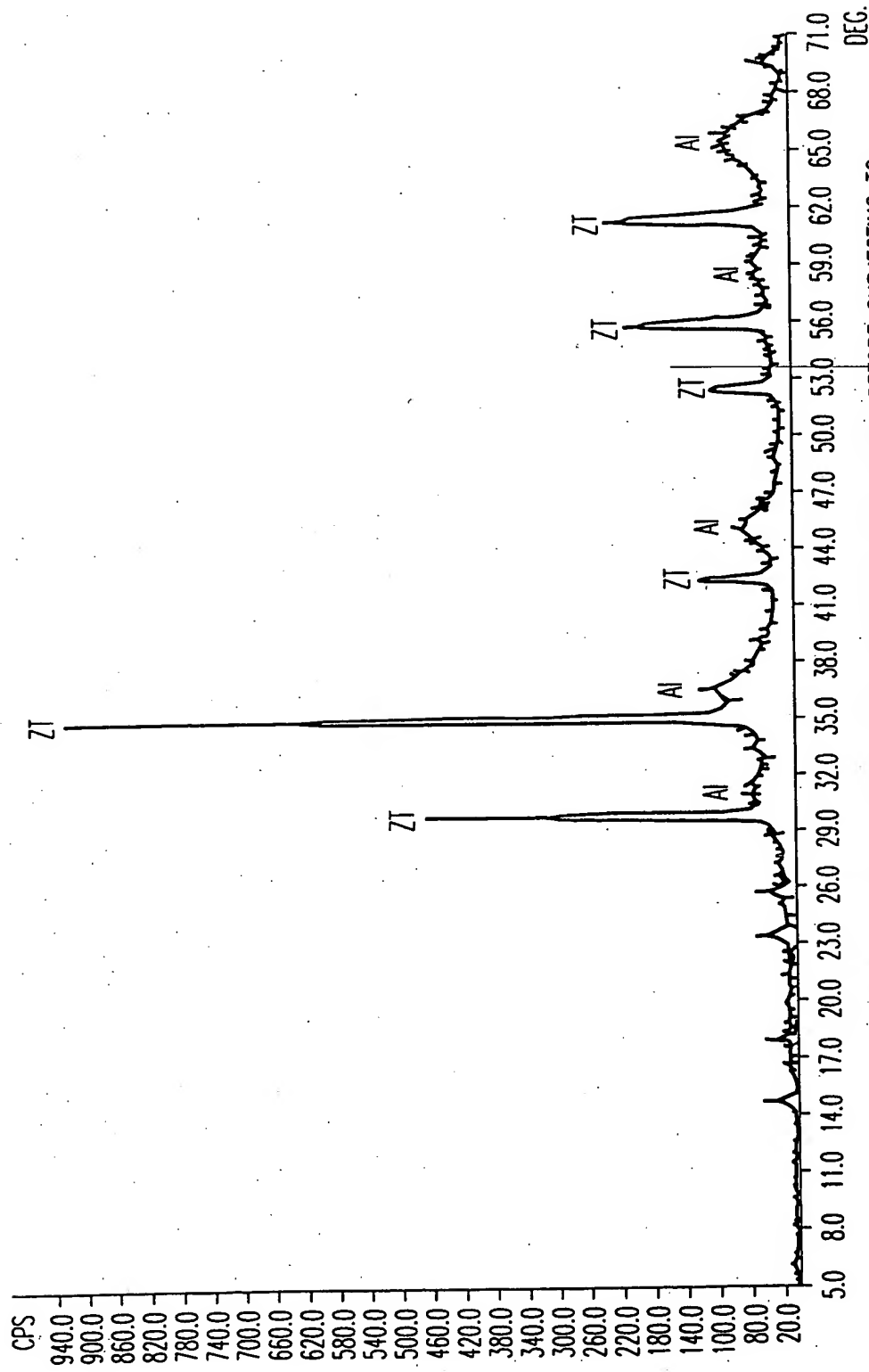


TGA PICKUP OF H₂S GAS FOR ZINC TITANATE
SORBENT SUPPORTED ON ALUMINA.

FIG. 1



X-RAY DIFFRACTION PATTERN OF ZINC TITANATE SUPPORTED ON ALUMINA BEFORE SUBJECTING TO MULTIPLE CYCLES OF HTHP REACTOR TESTING. (ZI=ZINC TITANATE, Zr_2TiO_4 , Al=ALUMINA, Al_2O_3)

FIG. 2

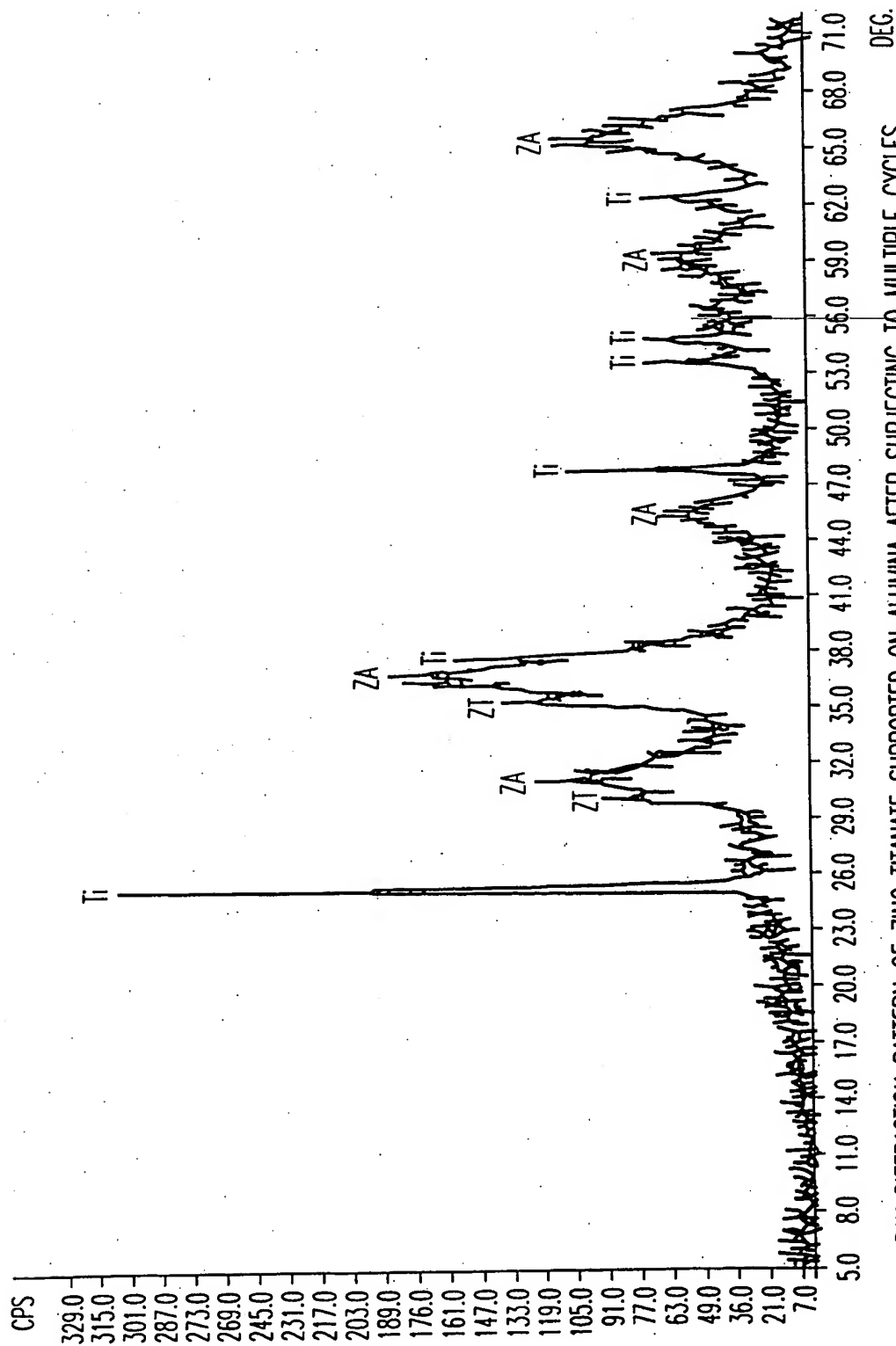
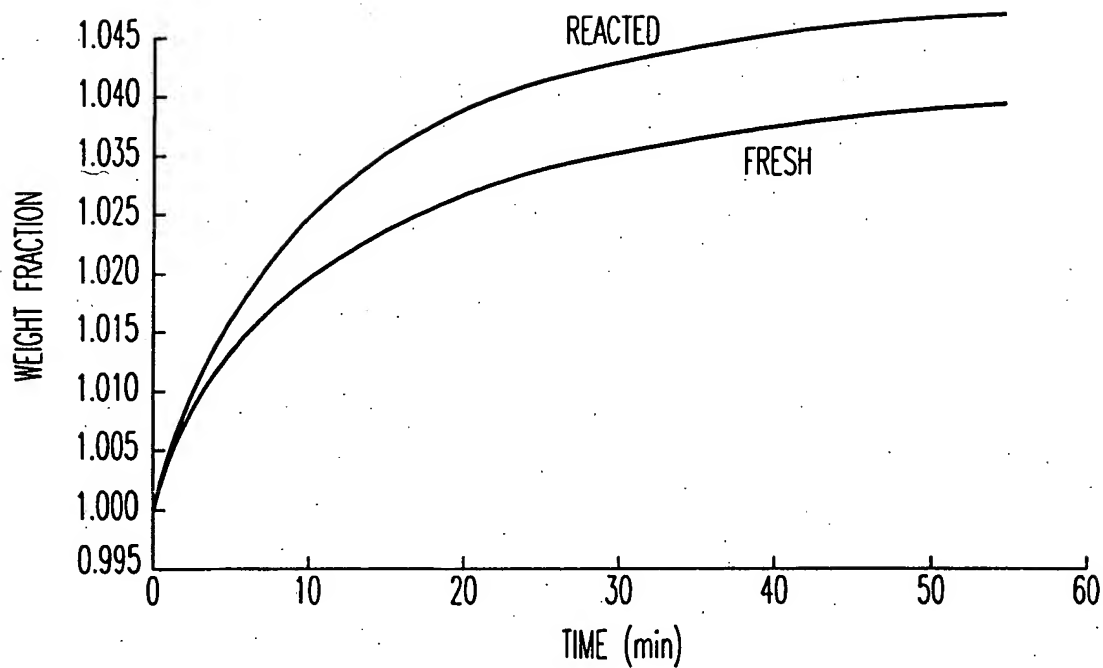


FIG. 3

FIG. 4



TGA PICKUP OF H_2S GAS FOR ZINC TITANATE
SORBENT SUPPORTED ON ZINC ALUMINATE.

FIG. 5